

ABSTRACT

Entities of a wireless communication network adjacent to a given sending entity, i.e. entities of the network from which the sending entity is able to receive messages are identified. Among the adjacent entities, a minimum constellation associated with the sending entity is further identified as the smallest set of entities adjacent to the sending entity and included in a circle centered on the sending entity such that at least three of the entities of the set form a convex polygon circumscribing the sending entity. The transmitting power of the sending entity is then adjusted to a value sufficient for the messages sent by the sending entity to reach all the entities of the minimum constellation associated therewith.